



Kentucky Agricultural Statistics Service
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KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

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AGRICULTURAL NEWS: Cultivating tobacco, clipping pasture, and making hay were the main farm activities for the week. Rainfall was spotty throughout the State with most areas remaining dry. Days suitable for fieldwork averaged 5.2 out of a possible six days. **Topsoil moisture** as of Friday, June 29 was rated 10 percent very short, 28 percent short, 58 percent adequate, and 4 percent surplus. **Subsoil moisture** was rated 14 percent very short, 29 percent short, 54 percent adequate, and 3 percent surplus.

CORN: The corn crop continued to look good. The condition of the crop was rated as 4 percent poor, 16 percent fair, 59 percent good, and 21 percent excellent, as of Friday, June 29. Forty-six percent of the corn crop was silking compared to 43 percent a year ago, and 20 percent for the five year average.

SOYBEANS: The soybean crop is off to a promising start with 93 percent of the crop emerged. Spraying soybeans for weeds was reported in many areas. Crop condition was rated as 2 percent very poor, 5 percent poor, 23 percent fair, 55 percent good, and 15 percent excellent. Eighteen percent of the crop was blooming as of July 1, compared with 16 percent last year, and the five year average of 6 percent.

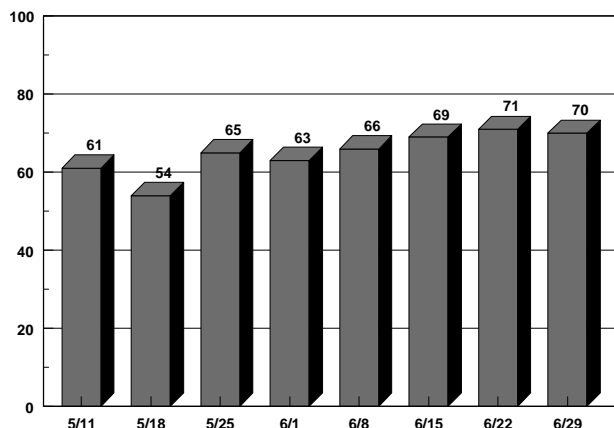
TOBACCO: The tobacco crop was looking good overall; however, several reports of black shank were received. Some tobacco was blooming prematurely. Condition of the set tobacco was reported as 1 percent very poor, 6 percent poor, 23 percent fair, 56 percent good, and 14 percent excellent. As of Friday, June 29, 17 percent of the set tobacco was over 24 inches, 40 percent was 12-24 inches, and 43 percent was under 12 inches in height.

SMALL GRAINS: **Wheat** harvest was nearing completion with 93 percent of the crop harvested as of Sunday, July 1, well ahead of the 85 percent a year ago. Most areas of the State are reporting good wheat yields and good quality.

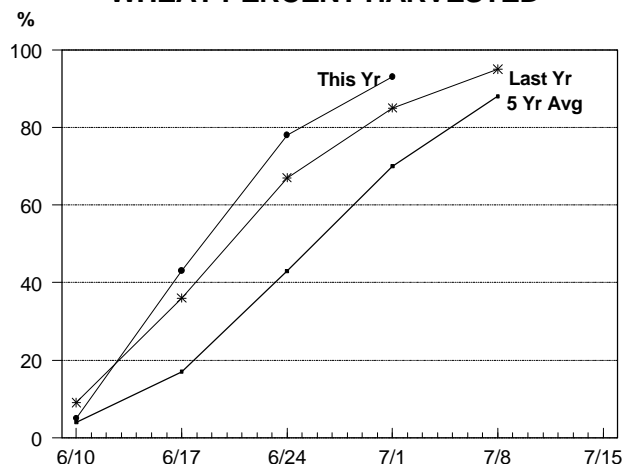
OTHER CROPS: One of the major farm activities this past week was the cutting and baling of **hay** throughout the State. Most areas of the State received little rain early in the week, which helped with the cutting of hay. **Pasture** conditions have declined slightly in drier areas over the past week. Conditions were rated as 3 percent very poor, 9 percent poor, 25 percent fair, 54 percent good, and 9 percent excellent.

BURLEY TOBACCO CONDITION

% Good to Excellent



WHEAT PERCENT HARVESTED



KENTUCKY CROP PROGRESS

WEEK ENDING JULY 1, 2001

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Corn Silking	46	43	20	11	4
Wheat Harvested	93	85	70	78	37
Soybean Blooming	18	16	6	NA	NA

(NA) Data Not Available.

SOIL MOISTURE

WEEK ENDING JUNE 29, 2001

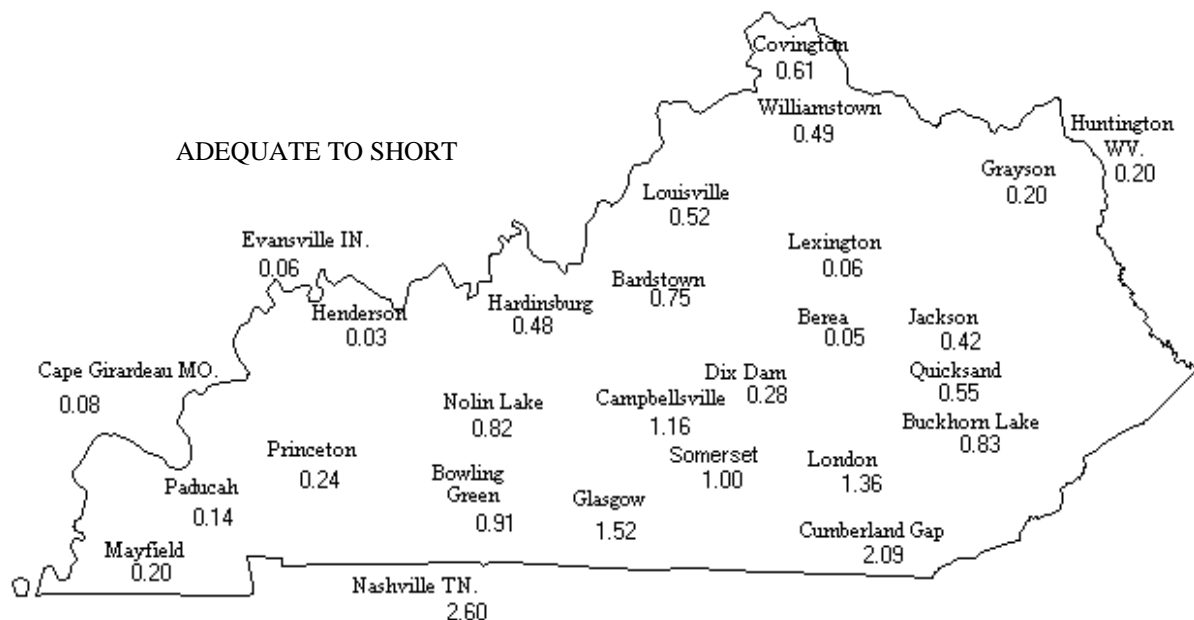
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	10	3
Short	28	22
Adequate	58	70
Surplus	4	5
SUBSOIL		
Very Short	14	9
Short	29	32
Adequate	54	55
Surplus	3	4

KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING JUNE 29, 2001					WEEK ENDING JUNE 22, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Corn	0	4	16	59	21	0	3	15	57	25
Soybeans	2	5	23	55	15	2	4	14	62	18
Pasture	3	9	25	54	9	2	7	34	52	5
Tobacco	1	6	23	56	14	1	5	23	61	10

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 1, 7:00 P.M.
TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, JUNE 29, 2001



ADEQUATE TO SHORT

KENTUCKY WEATHER SUMMARY, JUNE 25 - JULY 1, 2001:

BELOW NORMAL TEMPERATURES AND RAINFALL:

Hot and humid conditions occurred over the latter part of the workweek and the weekend with scattered showers and thunderstorms throughout the State. These showers and thunderstorms provided some much needed rain to some areas of Kentucky while other areas remained relatively dry which did not help relieve drought conditions in these areas, especially West. However the scattered nature of the showers and thunderstorms allowed farmers to get into their fields and continue agricultural activities. The heat and humidity also created livestock heat stress conditions across the State.

Temperatures for the period averaged 73 degrees across the State which was 2 degrees BELOW NORMAL. High temperatures averaged from 85 in the West to 82 in the East. Departure from normal high temperatures ranged from 4 degrees BELOW NORMAL in the West to 3 degrees BELOW NORMAL in the East. Low temperatures averaged from 62 degrees in the West to 62 degrees in the East. Departure from normal low temperature ranged from 3 degrees BELOW NORMAL in the West to 2 degrees BELOW NORMAL in the East.

Rainfall for the period totaled 0.51 inches statewide which was 0.37 inches BELOW NORMAL. Precipitation totals by climate division, West 0.12 inches, Central 0.83 inches, Bluegrass 0.24 inches and East 0.82 inches, which was 0.68, 0.11, 0.62 and 0.09 inches respectively BELOW NORMAL. By Kentucky station, precipitation totals ranged from a low of 0.01 inches at Spindletop to a high of 1.52 inches at Glasgow.

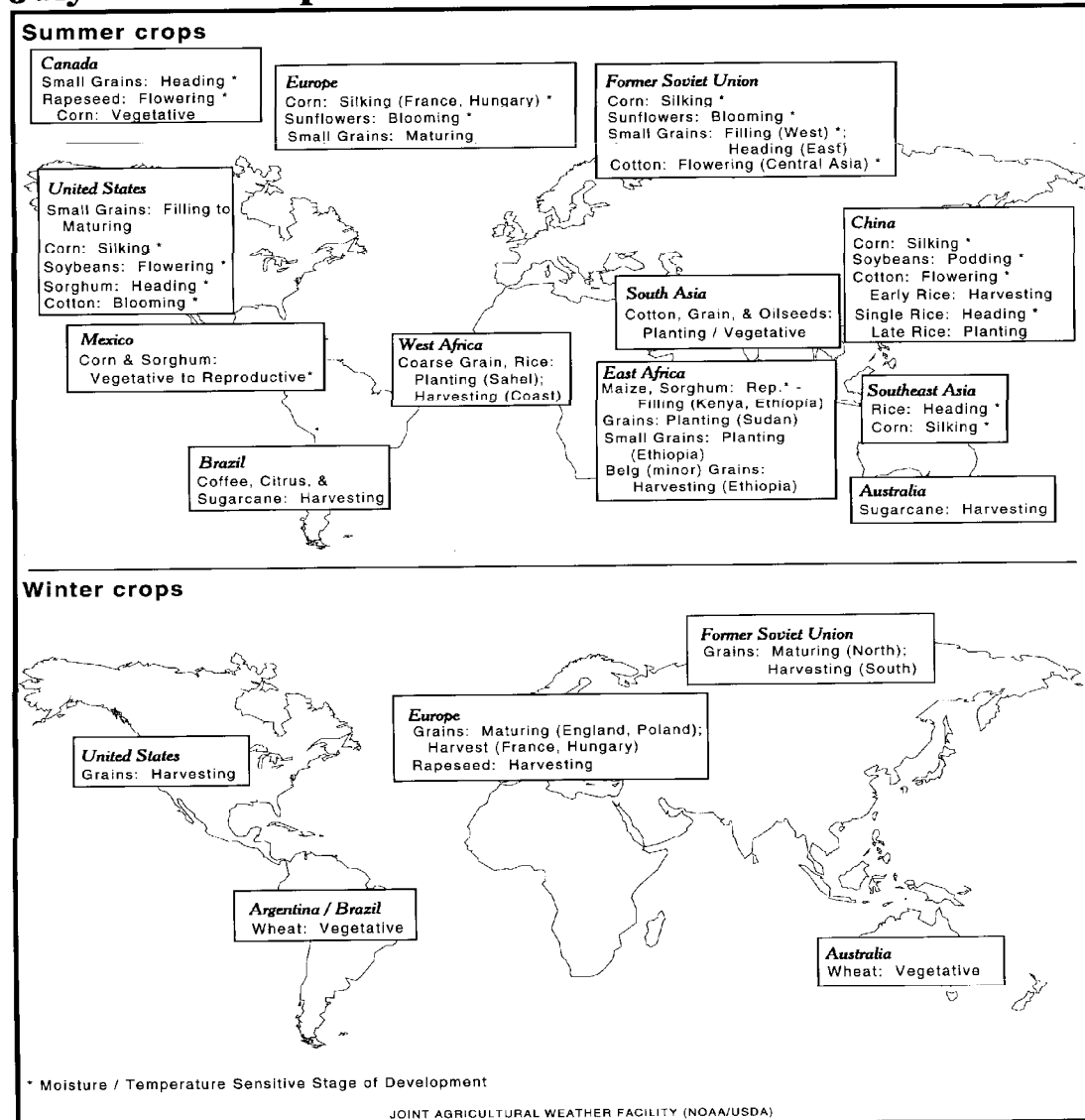
Tom Priddy

KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, JULY 1, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Growing Degree Days		
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly. Avg.	Dev. From Norm	Last Week	Since Apr. 1	Dev. Since Apr. 1
	(Inches)					(Degrees Fahrenheit)						
Bardstown	0.75	10.83	3.66	-1.34	+0.20	85	57	72.4	-3	155	1558	+109
Berea	0.05	10.36	4.78	-2.80	+1.08	85	50	70.7	-4	143	1526	+45
Bowling Green	0.91	10.99	3.34	-2.59	-0.57	87	59	72.9	-2	158	1695	+184
Bristol	2.73	11.30	4.93	+0.42	+1.60	87	57	72.3	-2	153	1467	+110
Buckhorn Lake	0.83	12.32	5.04	+0.15	+1.15	86	56	71.5	-3	149	1522	+226
Cape Girardeau	0.08	8.71	3.34	-4.49	+0.10	87	57	72.8	-4	157	1708	+134
Campbellsville	1.16	11.44	3.98	-2.82	+0.06	86	55	71.6	-4	149	1593	+142
Covington	0.61	11.61	4.33	-0.40	+0.74	85	58	73.4	-1	162	1435	+137
Cumberland Gap	2.09	10.75	4.63	-2.57	+0.63	88	57	72.4	-2	153	1559	+232
Dix Dam	0.28	10.31	3.69	-2.48	+0.23	85	55	71.9	-2	152	1538	+89
Evansville	0.06	10.17	4.55	-2.22	+1.28	88	60	74.1	-3	165	1683	+201
Glasgow	1.52	11.51	3.85	-2.87	-0.46	88	50	72.5	-3	154	1661	+240
Grayson	0.20	14.08	2.92	+2.19	-0.69	88	58	73.7	-1	163	1502	+267
Hardinsburg	0.48	10.09	2.96	-3.03	-0.60	87	58	73.1	-2	160	1657	+146
Henderson	0.03	8.06	2.17	-4.67	-1.37	87	57	72.2	-5	154	1671	+159
Huntington	0.20	13.78	2.94	+2.06	-0.55	89	58	74.2	-0	165	1494	+166
Jackson	0.42	10.28	3.73	-2.29	+0.12	85	57	71.6	-3	149	1511	+215
Lexington	0.06	9.71	2.17	-2.46	-1.29	86	59	73.1	-1	159	1553	+225
London	1.36	13.50	6.44	+1.55	+3.03	83	55	70.6	-4	143	1463	+136
Louisville	0.52	10.37	2.69	-2.09	-0.57	86	59	73.6	-2	164	1632	+150
Mayfield	0.20	6.70	1.95	-6.87	-1.23	85	58	72.7	-4	158	1583	+11
Nashville	2.60	12.64	4.30	-0.31	+0.96	87	60	73.6	-2	163	1736	+132
Nolin Lake	0.82	12.34	3.31	-1.75	-0.38	87	59	73.0	-2	158	1675	+287
Paducah	0.14	8.39	2.12	-5.48	-1.66	88	57	72.9	-4	157	1690	+165
Princeton	0.24	9.62	4.51	-4.00	+0.91	88	58	73.8	-3	164	1764	+245
Quicksand	0.55	12.74	5.31	+0.30	+1.70	85	56	70.7	-4	143	1495	+218
Somerset	1.00	11.39	3.09	-2.29	-0.88	84	53	70.0	-4	139	1506	+109
Spindletop	0.01	8.55	1.74	-3.50	-1.72	86	55	72.4	-2	155	1455	+148
Williamstown	0.49	12.84	5.40	+0.49	+1.86	86	56	72.7	-2	158	1503	+196

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

July normal crop calendar



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to nass-state-releases@news.usda.gov with the following command in the body of the message: **subscribe ky-crop-weather** <e-mail address>. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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